

PERMIT APPLICATION: NRS #05-470

APPLICANT: Ron Kirby, Admin. Environmental Construction
City Of Memphis
125 N. Main, Room 620
Memphis, TN 38103
(901) 576-6720

LOCATION: Project runs from immediately east of the Wolf River at Summer Avenue to a point approximately 2,500 feet south of Walnut Grove Road; Memphis, Shelby County.

WATERSHED DESCRIPTION: Surrounding land use is mostly soybean and cotton field in the Shelby Farms area and wooded wetlands behind the Federal Correctional Center. The wetland is dominated by mature bald cypress and water tupelo.

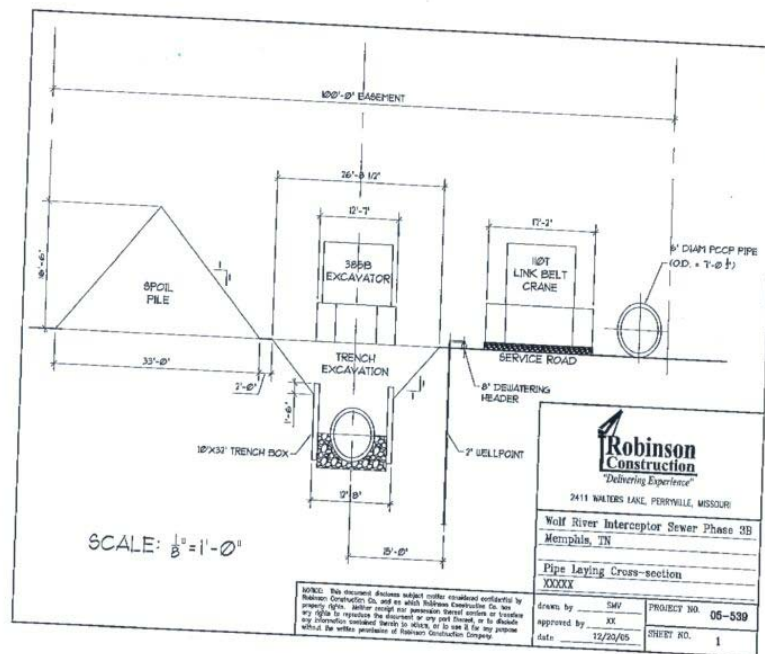
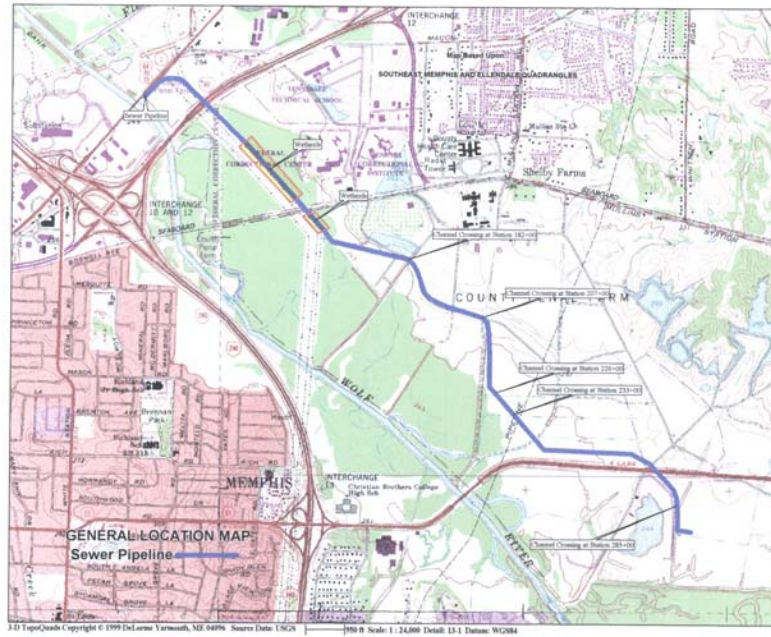
PROJECT DESCRIPTION: The applicant proposes to construct 20,200 linear feet of Phase 3-B sewer line. The proposed construction easement is 100-feet wide. Construction will require temporary impacts to approximately five acres of wetlands and cross five channels.

Compensatory mitigation will consist of the planting of the wetland impact area with seedlings at the rate of 400/acre. The applicant will monitor the plantings annually for five years and guarantee a 75% success rate. Stream crossings will be monitored annually for two years to ensure that the stream crossings are stable and restored to pre-existing contours.

PERMIT COORDINATOR: Mike Lee

TOPOGRAPHICAL QUADRANGLE: Southeast Memphis 409- SW
Ellendale 409- NE

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Photo Documentation



Photo 1

WETLAND AREA



Photo 2

Channel Crossing @ Sta 182+00



Photo 3

Channel Crossing at Sta 207+00

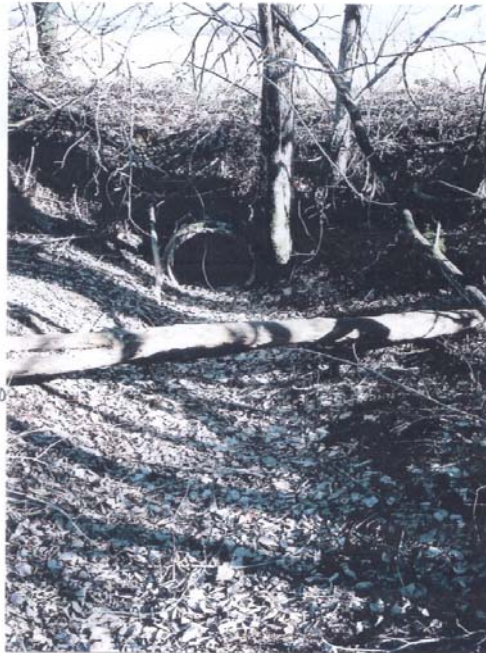


Photo 4

Channel Crossing at Sta 206+00



Photo 5
Channel crossing AT STA 233+00



Photo 6
Channel crossing AT STA 285+00

